$$z^+ = \text{argmin}_z \;\; g(z) + \frac{\rho}{2} \| \sum u_i - z + \nu^k \|^2$$

$$u^+ = \text{argmin}_u \;\; \sum \| y_i - u_i + \lambda_i \|^2 + \| \sum u_i - z^+ + \nu \|^2$$

$$\nu^+ = \sum u_i^+ - z^+$$